

**Amendments to the Claims**

1. *(Cancelled)*

2. *(Currently Amended)* An electroacoustic transducer

with a transducer axis and  
comprising a membrane, which membrane is arranged parallel perpendicular to  
the transducer axis so as to be oscillatory, wherein the membrane includes an  
intermediate area adjacent to a U-shaped peripheral area and an annular securing area  
adjacent to the intermediate area, and a central area located within the annular securing  
area, said central area serves for sound generation, and  
comprising a magnet system, which magnet system is equipped with two magnet-  
system components, which magnet-system components bound an air gap, and  
comprising a moving coil, which moving coil is, in part, arranged in the air gap  
and is connected to the membrane, and  
comprising a circuit module, which circuit module is equipped with a circuit  
frame and one single circuit component which forms a transducer circuit, the one single  
circuit component mounted on the circuit frame, the one single circuit component being  
~~An electroacoustic transducer as claimed in claim 1, wherein just one single circuit~~  
~~component is provided, which is formed by~~ an integrated circuit connected to the circuit  
~~frame, which integrated circuit forms the transducer circuit.~~  
wherein the magnet system is arranged in an annular shape and encloses an inner  
space, which inner space is accessible from outside the magnet system during production  
of the transducer and before the circuit module is mounted, and  
wherein the at least one circuit component is arranged on a first carrier surface of  
the circuit frame which first carrier surface faces the membrane, and in the inner space of  
the magnet system.

3. *(Previously Presented)* An electroacoustic transducer as claimed in claim 2, wherein  
the integrated circuit is embedded in a plastic jacket and wherein two connection contacts

are provided on the plastic jacket, each of which connection contacts is connected to a moving-coil contact.

4. *(Currently Amended)* ~~An electroacoustic transducer as claimed in claim 1, An~~  
electroacoustic transducer as claimed in claim 2, wherein four connecting contacts, each having the shape of an annular sector, are provided on a second carrier surface of the circuit frame which second carrier surface faces away from the membrane.

5. *(Currently Amended)* ~~An electroacoustic transducer as claimed in claim 1, An~~  
electroacoustic transducer as claimed in claim 2, wherein the circuit module is of a design that can be removed without separate tools.

6. *(Currently Amended)* ~~An electroacoustic transducer as claimed in claim 1, An~~  
electroacoustic transducer as claimed in claim 2, wherein the transducer has a pot-shaped housing wherein, in the direction of the transducer axis, its height has a value between 2.0 mm and 5.0 mm and its diameter perpendicular to the direction of the transducer axis has a value between 6.0 mm and 20.0 mm.